

Nathan Rodriguez

Power BI Developer

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- Power BI Developer with 5+ years of experience architecting enterprise-level business intelligence solutions and transforming complex datasets into actionable insights
- Expert in DAX optimization, advanced data modeling, and Power BI Service administration, with proven track record of reducing reporting time by up to 85% across multiple organizations
- Successfully deployed 40+ interactive dashboards serving 800+ users while maintaining sub-second query performance and ensuring GDPR compliance through row-level security implementation
- Recognized for bridging technical complexity with business value, having trained 150+ stakeholders and established governance frameworks that reduced data discrepancies by 90%

WORK EXPERIENCE

DataTech Solutions Inc.

March 2022 - Present

Senior Power BI Developer

- Architected enterprise-wide Power BI ecosystem serving 500+ users across 12 departments, implementing row-level security and achieving 99.8% uptime while ensuring GDPR compliance
- Developed 25+ interactive dashboards that reduced executive reporting time from 40 hours to 2 hours weekly, enabling C-suite to reallocate resources to strategic decision-making
- Optimized existing Power BI reports through advanced DAX calculations and data model restructuring, improving query performance by 70% and reducing refresh times from 4 hours to 45 minutes
- Led migration from Tableau to Power BI for Fortune 500 client, managing 15TB of historical data and training 80+ business users while maintaining zero downtime during transition
- Established Power BI deployment pipeline using Azure DevOps, reducing production errors by 85% and implementing automated testing for critical KPIs across all business units
- Integrated real-time data streams from Salesforce, SAP, and Azure SQL Database, creating unified analytics platform that processes 2 million records daily with DirectQuery optimization

Regional Healthcare Systems

June 2020 - February 2022

Power BI Developer

- Created 15+ healthcare analytics dashboards tracking patient flow, resource utilization, and clinical outcomes, resulting in 30% improvement in bed allocation efficiency
- Developed COVID-19 tracking dashboard in 48 hours that became primary monitoring tool for hospital network, processing real-time data from 8 facilities and 2,000+ daily patient records
- Implemented incremental refresh strategies for large datasets (5GB+), reducing data refresh time by 60% while maintaining data accuracy for regulatory compliance
- Collaborated with clinical staff and administrators to design KPI frameworks, translating medical terminology into measurable metrics that improved patient care coordination by 25%
- Built automated reporting system using Power Automate integration, eliminating 20 hours of manual report generation weekly and ensuring HIPAA-compliant data distribution

Manufacturing Excellence Corp

January 2019 - May 2020

Business Intelligence Analyst

- Transformed Excel-based reporting processes into Power BI solutions, reducing monthly financial reporting cycle from 10 days to 2 days and improving data accuracy by 95%

- Designed supply chain analytics dashboard integrating data from ERP systems, IoT sensors, and vendor APIs, enabling predictive maintenance that reduced downtime by 40%
- Created interactive sales performance dashboards for 50+ regional managers, incorporating advanced time intelligence calculations and what-if analysis scenarios
- Established data governance framework and user training program, certifying 35+ business users in self-service analytics while maintaining data consistency standards
- Optimized manufacturing KPI dashboard through star schema implementation and aggregation tables, supporting 200+ concurrent users with consistent sub-second response times

TECHNICAL SKILLS

Power BI Expertise

- DAX (Advanced calculations, Time intelligence functions, Context transition, Variables and CALCULATE modifiers)
- Power Query/M Language (Complex transformations, Custom functions, Data profiling, Query folding optimization)
- Data Modeling (Star schema design, Row-level security, Incremental refresh, Composite models, DirectQuery optimization)
- Power BI Service (Premium workspaces, Deployment pipelines, Paginated reports, Power BI Goals, Dataflows)

Data Technologies

- Databases: SQL Server, Azure SQL Database, Azure Synapse Analytics, Oracle, MySQL
- Cloud Platforms: Microsoft Azure, AWS S3, Google BigQuery
- Integration: REST APIs, SharePoint Online, Dynamics 365, Salesforce, SAP
- Languages: T-SQL, Python (pandas, numpy), R (statistical analysis), M Language, JSON

Business Intelligence & Analytics

- Data Warehousing concepts, ETL/ELT processes, Statistical analysis, Predictive modeling
- Performance optimization, Query tuning, Data governance, Version control (Git, Azure DevOps)
- Stakeholder requirement analysis, Data storytelling, Cross-functional collaboration, User training and documentation

EDUCATION

University of Texas at Austin

2018

Bachelor of Science in Information Systems

Relevant Coursework: Database Management Systems, Statistical Analysis, Data Structures, Business Analytics, Systems Analysis and Design Senior Capstone Project: Developed comprehensive business intelligence solution using Microsoft BI stack for local retail chain, resulting in 25% improvement in inventory management efficiency

CERTIFICATIONS

Microsoft Certified: Power BI Data Analyst Associate (PL-300)

February 2024

Microsoft

Microsoft Certified: Azure Data Fundamentals (DP-900)

November 2023

900)

Microsoft

Microsoft Certified: Azure Fundamentals (AZ-900)

September 2023

Microsoft

Tableau Desktop Specialist

June 2023

Tableau

AWARDS AND PUBLICATIONS

Power BI Dashboard of the Month

August 2024

Microsoft Power BI Community Gallery

Innovation in Analytics Award

Q2 2024

DataTech Solutions

Recognized for developing automated reporting solution that saved 200+ hours monthly across organization

Excellence in Data Visualization

2021

Regional Healthcare Systems

Created COVID-19 dashboard that became industry benchmark for hospital network reporting

Featured Speaker - Austin Power BI User Group

May 2024

Advanced DAX Patterns for Healthcare Analytics

Optimizing Power BI Performance for Enterprise Deployments

September 2024

LinkedIn Article

18,000+ views

Contributing Author

Power BI Tips & Tricks Community Blog

8 published articles on DAX optimization and data modeling best practices